



May 1, 2019

Via Email and Fed Ex

Mr. Russell Fish
Office of Remediation 3LC20
U.S. Environmental Protection Agency
1650 Arch Street
Philadelphia, PA 19103-2029

**Subject: Quarterly Progress Report
Honeywell International Inc.
Delaware Valley Works
Claymont, DE
Docket No. RCRA 03-2011-0252CA**

Dear Mr. Fish:

On behalf of Honeywell International Inc. (Honeywell), Wood Environment & Infrastructure Solutions, Inc. (Wood), is submitting this Quarterly Progress Report for the activities conducted by Honeywell at its Delaware Valley Works (DVW) in Claymont, Delaware. This report is being submitted in accordance with the requirements outlined in Section VI (D)(3) of the Administrative Order on Consent, Docket No. RCRA 03-2011-0252CA. This report covers the period from February 1, 2019 to May 1, 2019.

A. Identification of Site

Honeywell – Delaware Valley Works
6100 Philadelphia Pike
Claymont, Delaware 19703

B. Status of Work and Progress to Date

- On February 22, 2019 the U.S. Environmental Protection Agency (EPA) provided email approval of the response to EPA comments on the *RCRA Facility Investigation Phase IV Work Plan (Groundwater Investigation and Vapor Intrusion)*.
- On February 26, 2019 Wood conducted a site visit to identify sampling locations for the heating season vapor intrusion sampling event.
- On February 28, 2019 Wood submitted via email the final *RCRA Facility Investigation Phase IV Work Plan* but was requested by EPA on March 1, 2019 to

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delay submittal of the paper copies while EPA conducted a final review of the incorporated revisions.

- On March 11, 2019 Wood submitted additional figures at the request of EPA that show building-specific VI sampling locations for inclusion into the work plan.
- On March 12, 2019 EPA provided email approval of the *RCRA Facility Investigation Phase IV Work Plan*.
- From March 25 through March 28, 2019 Wood conducted the heating season vapor intrusion sampling event, including the collection of sub-slab soil gas samples and indoor air samples and submitted samples for laboratory analysis, and then used EPA's Vapor Intrusion Screening Level (VISL) calculator to determine which indoor air samples to submit for laboratory analysis.
- From April 2 through April 4, 2019 Wood collected soil and groundwater samples from the MW-6 VOCs Area and submitted them for laboratory analysis.
- On April 30, 2019 Wood initiated the collection of water levels from onsite monitoring wells.
- On April 26, 2019 EPA provided via email a letter dated April 25, 2019 with comments on the SWMU 9 Geotechnical Investigation Report.

C. Difficulties Encountered During Reporting Period

- None this period.

D. Actions Taken to Rectify Difficulties

- None this period.

E. Activities Planned for Next Quarter

- Continue implementation of the RFI Phase IV, including the collection of water levels from 47 monitoring wells.
- Prepare technical memorandum for submittal to EPA summarizing the vapor intrusion sampling.
- Prepare interim report for submittal to EPA with proposed permanent well locations.
- Address EPA comments on the SWMU 9 Geotechnical Investigation Report.
- EPA approval of the DVW RFI Report, BHHRA, and BERA.
- EPA approval of the SWMU 9 Corrective Measures Objectives matrix.
- EPA approval of the *SWMU 9 Data Summary Report*.
- EPA approval of the *SWMU 9 Geotechnical Investigation Report*.
- Submittal of the *90% Design Interim Measure Work Plan – Lower Sluiceway, Shoreline and Sediment*.
- Finalize submit application to DNREC for Subaqueous Lands Permit.
- Finalize and submit application for New Castle County Floodplain Permit Application.

- Finalize and submit USACE Nationwide Permit 38 application.

F. Explanation of Any Non-Compliance

- None this period.

G. Discussion of Performance Evaluation of Remedial Measures

- Not applicable.

Attached to this letter is the certification by Honeywell as required by the Administrative Order on Consent, Docket No. RCRA 03-2011-0252CA. Please contact John P. Mihalich at 610-877-6020 if you require additional information.

Sincerely,

Wood Environment & Infrastructure Solutions, Inc.



John P. Mihalich
Associate Geologist

Attachment Certification

cc: Steve Coladonato – Honeywell
 Nelson Johnson – Arnold & Porter
 Rus Davis – Honeywell
 Lawrence Matson– DNREC
 James Wentzel, P.E. – PADEP

CERTIFICATION

I certify that the information contained in or accompanying this Quarterly Progress Report is true, accurate, and complete.

As to the identified portion of this Quarterly Progress Report for which I cannot personally verify its accuracy, I certify under penalty of law that this Report and all attachments were prepared in accordance with procedures designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, or the immediate supervisor of such person(s), the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fines and imprisonment for knowing violations.



Signature: _____

Name: Steve Coladonato

Title: Remediation Manager, Honeywell International Inc.